

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|--|-------|------------------|
| 1 | 258 | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) | USPAT | 2004/05/26 13:54 |
| 2 | 10 | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta | USPAT | 2004/05/26 13:54 |
| 3 | 402616 | electrode or (electrical adj contact) | USPAT | 2004/05/26 13:54 |
| 4 | 485271 | substrate | USPAT | 2004/05/26 13:54 |
| 5 | 840842 | alumina or titania or zirconia or glass or quartz or silica | USPAT | 2004/05/26 13:55 |
| 6 | 142730 | substrate same (alumina or titania or zirconia or glass or quartz or silica) | USPAT | 2004/05/26 13:55 |
| 7 | 12 | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) and (substrate same (alumina or titania or zirconia or glass or quartz or silica)) and (electrode or (electrical adj contact)) | USPAT | 2004/05/26 14:03 |
| 8 | 1 | ("4587104").PN. | USPAT | 2004/05/26 13:58 |
| 9 | 21 | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) and substrate and (electrode or (electrical adj contact)) | USPAT | 2004/05/26 14:11 |
| 10 | 1 | ("4307373").PN. | USPAT | 2004/05/26 14:16 |
| 11 | 1704 | molybdenum adj trioxide | USPAT | 2004/05/26 14:17 |
| 12 | 33519 | oxalic adj acid | USPAT | 2004/05/26 14:17 |
| 13 | 2550 | (ethyl adj hexanoic) or (ethyl adj hexanoate) | USPAT | 2004/05/26 14:18 |
| 14 | 3420 | (ethyl adj hexanoic) or (ethyl adj hexanoate) | USPAT | 2004/05/26 14:19 |
| 15 | 612 | bismuth adj trioxide | USPAT | 2004/05/26 14:19 |
| 16 | 0 | ((molybdenum adj trioxide) and ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta) and (((ethyl adj hexanoic) or (ethyl adj hexanoate)) or ((ethyl adj hexanoic) or (ethyl adj hexanoate))) and (bismuth adj trioxide) | USPAT | 2004/05/26 14:19 |
| 17 | 57 | ((molybdenum adj trioxide) and (bismuth adj trioxide)) | USPAT | 2004/05/26 14:19 |
| 18 | 0 | ((molybdenum adj trioxide) and (bismuth adj trioxide)) and (((ethyl adj hexanoic) or (ethyl adj hexanoate)) or ((ethyl adj hexanoic) or (ethyl adj hexanoate))) | USPAT | 2004/05/26 14:19 |
| 19 | 7 | ((molybdenum adj trioxide) and (bismuth adj trioxide)) and (oxalic adj acid) | USPAT | 2004/05/26 14:20 |
| 20 | 0 | bismuth adj molybdenum adj hexanoate | USPAT | 2004/05/26 14:20 |
| 21 | 546 | bismuth adj molybd55 | USPAT | 2004/05/26 14:21 |
| 22 | 35 | (bismuth adj molybd55) and (molybdenum adj trioxide) | USPAT | 2004/05/26 14:21 |
| 23 | 12 | ((bismuth adj molybd55) and (molybdenum adj trioxide)) and (bismuth adj trioxide) | USPAT | 2004/05/26 14:21 |
| - | 0 | ((bismuth adj hexanoate) or (bismuth adj hexanoic)) and ((molybdenum adj hexanoate) or (molybdenum adj hexanoic)) | USPAT | 2004/05/26 12:45 |
| - | 1 | (bismuth adj hexanoate) or (bismuth adj hexanoic) | USPAT | 2004/05/26 12:46 |
| - | 5 | (molybdenum adj hexanoate) or (molybdenum adj hexanoic) | USPAT | 2004/05/26 13:01 |
| - | 258 | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) | USPAT | 2004/05/26 13:54 |
| - | 10 | ((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta | USPAT | 2004/05/26 13:54 |
| - | 402616 | electrode or (electrical adj contact) | USPAT | 2004/05/26 13:54 |
| - | 485271 | substrate | USPAT | 2004/05/26 13:54 |
| - | 840842 | alumina or titania or zirconia or glass or quartz or silica | USPAT | 2004/05/26 13:54 |
| - | 142730 | substrate same (alumina or titania or zirconia or glass or quartz or silica) | USPAT | 2004/05/26 13:55 |
| - | 1 | (electrode or (electrical adj contact)) and (substrate same (alumina or titania or zirconia or glass or quartz or silica)) and (((bismuth adj molybdate) or (bismuth adj molybdenum adj oxide)) same alpha same beta) | USPAT | 2004/05/26 13:56 |

```
# bismuth molybdate/cn
L1 2 BISMUTH MOLYBDATE/CN
=> d 11
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L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 13595-85-2 REGISTRY
CN Bismuth molybdenum oxide (Bi2Mo3O12) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Bismuth molybdate(VI) (6CI)
CN Bismuth molybdate(VI) (Bi2Mo3O12) (7CI)
CN Molybdic acid (H2MoO4), bismuth(3+) salt (3:2) (8CI)
OTHER NAMES:
CN Bismuth molybdate
CN Bismuth molybdate (Bi2(MoO4)3)
CN Bismuth molybdate (Bi2Mo3O12)
CN Bismuth molybdenum oxide (Bi2(MoO4)3)
CN Molybdic acid (H6Mo3O12), bismuth(3+) salt (1:2)
DR 12332-82-0, 14542-95-1, 31000-79-0
MF Bi . Mo . O
AP Bi2 Mo3 O12
CI COM, TIS
LC STN Files: CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN,
  IFICDB, IFIPAT, IFIUDS, PROMT, TOXCENTER, USPAT2, USPATFULL
  Other Sources: EINECS**, NDSL**, TSCA**
  (**Enter CHEMLIST File for up-to-date regulatory information)
```

| Component | Ratio | Component Registry Number |
|-----------|-------|------------------------------|
| O | 12 | 17778-80-2 |
| Bi | 2 | 7440-69-9 |
| Mo | 3 | 7439-98-7 |

```
412 REFERENCES IN FILE CA (1907 TO DATE)
20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
413 REFERENCES IN FILE CAPLUS (1907 TO DATE)
14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

```
=> d 12
L2 NOT FOUND
The L-number entered has not been defined in this session, or it
has been deleted. To see the L-numbers currently defined in this
session, enter DISPLAY HISTORY at an arrow prompt (=>).
```

```
=> d 11 2
```

```
L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 11104-44-2 REGISTRY
CN Bismuth molybdenum oxide (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Molybdic acid, bismuth salt
OTHER NAMES:
CN Bismuth molybdate
DR 12778-02-8, 51898-99-8
MF Bi . Mo . O
CI TIS
LC STN Files: CA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM,
  ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDS,
  PROMT, TOXCENTER, USPAT2, USPATFULL, VTB
  Other Sources: EINECS**, NDSL**, TSCA**
  (**Enter CHEMLIST File for up-to-date regulatory information)
```

| Component | Ratio | Component Registry Number |
|-------------------|-------|------------------------------|
| -----+-----+----- | | |

| | | |
|----|---|------------|
| | x | 17778-80-2 |
| 31 | x | 7440-69-9 |
| Mo | x | 7439-98-7 |

196 REFERENCES IN FILE CA (1907 TO DATE)
 196 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.39

9.04

STM INTERNATIONAL LOGOFF AT 18:23:18 ON 20 MAY 2004

=> s bismuth hexanoate/cn
L1 0 BISMUTH HEXANOATE/CN

=> s molybdenum hexanoate/cn
L2 0 MOLYBDENUM HEXANOATE/CN

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.28

9.49

STN INTERNATIONAL LOGOFF AT 18:26:46 ON 20 MAY 2004

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s bismuth hexanoate
 117766 BISMUTH
 7 BISMUTHS
 117766 BISMUTH
 (BISMUTH OR BISMUTHS)
 4960 HEXANOATE
 125 HEXANOATES
 5037 HEXANOATE
 (HEXANOATE OR HEXANOATES)
 L1 1 BISMUTH HEXANOATE
 (BISMUTH (W) HEXANOATE)

=> s molybdenum hexanoate
 207144 MOLYBDENUM
 33 MOLYBDENUMS
 207148 MOLYBDENUM
 (MOLYBDENUM OR MOLYBDENUMS)
 4960 HEXANOATE
 125 HEXANOATES
 5037 HEXANOATE
 (HEXANOATE OR HEXANOATES)
 L2 1 MOLYBDENUM HEXANOATE
 (MOLYBDENUM (W) HEXANOATE)

=> d 11

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1976:462671 CAPLUS
 DN 85:62671
 TI Highly soluble bismuth salts of organic alkanolic acids
 IN Cukor, Peter; Kilichowski, Kurt B.
 PA GTE Laboratories, Inc., USA
 SO U.S., 3 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------------|------|----------|-----------------|----------|
| US 3962298 | A | 19760608 | US 1974-491186 | 19740724 |
| PRAI US 1974-491186 | | 19740724 | | |

=> d 12

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1966:101576 CAPLUS
 DN 64:101576
 OREF 64:19038a-b
 TI Hydrocarbon-soluble molybdenum and vanadium compounds
 IN Kollar, John
 PA Halcon International, Inc.
 SO 8 pp.
 DT Patent
 LA Unavailable
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|------|
| BE 665764 | | 19651222 | BE | |
| NL 6508000 | | | NL | |